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2828 \$

**PATENT**  
Atty. Docket No. 390772  
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**IN THE UNITED STATES PATENT OFFICE**

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|--|---|-------------------|-------------|
| Patent Application Serial No. 10/090,714 | ) | Group No.:        | 2828        |
|  | ) |                   |             |
| Filed: 01 March 2002                     | ) | Examiner:         | Vy, Hung T. |
|  | ) |                   |             |
| Title: MODULATION SYSTEM AND             | ) | Confirmation No.: | 4803        |
| METHODS FOR OPTICAL SOURCE BANK          | ) |                   |             |
|  | ) |                   |             |
| Inventor: Michael Minneman               | ) |                   |             |

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ATTN: FEE AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Sir:

These Amendments and Remarks are responsive to the Office Action mailed 05 December, 2003.

**Amendments to the Specification** begin on page 2 of this paper and include 18 attached sheets of substitute specification marked to show changes and 17 attached sheets of substitute specification in clean form.

**Amendments to the Drawings** begin on page 3 of this paper and include 4 attached sheets of corrected, formal drawings.

**Amendments to the Claims** begin on page 4 of this paper.

**Remarks** begin on page 7 of this paper.